

**Contributions to the knowledge the scarab beetles of Golestan province,  
Northern Iran with checklist of Iranian Scarabaeoidea (Coleoptera)**

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**ABSTRACT.** This paper deals with the fauna of Scarabaeoidea (Coleoptera) in Golestan province, Northern Iran. In total 19 species from 16 genera (*Adoretus*, *Aphodius*, *Amphimallon*, *Cetonischema*, *Copris*, *Eulasia*, *Euonthophagus*, *Glaphyrus*, *Netocia*, *Onthophagus*, *Oxythyrea*, *Pentodon*, *Valgus*, *Polyphylla*, *Stalagmosoma*, *Trichius*) were collected and recorded from this region. A checklist of Iranian Scarabaeoidea is provided.

**KEY WORDS:** Coleoptera, Scarabaeoidea, Golestan province, Iran, checklist.

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INTRODUCTION

The superfamily Scarabaeoidea comprises worldwide more than 35 000 species (RATCLIFFE & PAULSEN 2008). The family Scarabaeidae as presently defined consists of over 30 000 species of beetles worldwide (RATCLIFFE et al. 2002). Scarab beetles are one of the most important insect groups, and they are a conspicuous component of the beetle fauna in almost all ecosystems (WOODRUFF 1973). Scarabs are stout-bodied beetles, many with bright metallic colors, measuring between 5-60 mm. They have distinctive, clubbed

antennae composed of plates called lamellae that can be compressed into a ball or fanned out like leaves to sense odors (NIKOLAYEV 1987, RATCLIFFE et al. 2002). The fauna of Iranian Scarabaeoidea was poorly studied, with a total of 150 species recorded by MODARRES AWAL (1997) and about 20 species in other papers until that time (PETROVITZ 1954, 1958, 1980; BARAUD 1968, BORTESI & ZUNINO 1974, ZAIRI 1976, KABAKOV 1982, NIKODÝM & KRÁL 1998). Since 1997, nearly 40 species have been recorded from different authors (BARARI et al. 1998a, 1998b, BARARI 2001, KEITH & AHRENS 2002, MODARRES AWAL 2006, ZIANI & GUDENZI 2000, 2006, 2007, 2009, ZIANI 2006, 2011, MONTREUIL & SERRI 2007, KEITH & ULIANA 2008, MOWLAVI et al. 2008, MORADI GHARAKHLOO & ZIANI 2009, 2010, ZIANI & MORADI GHARAKHLOO 2010, GHAHARI et al. 2011, YARMAND et al. 2012). In addition, several species are listed in the Catalogue of Palearctic Coleoptera (LÖBL & SMETANA 2006).

Golestan province is located in the north of Iran and south of the Caspian Sea (Fig.). Geographically, Golestan is divided into two sections, the plains and the mountains of the Alborz range. In the eastern Alborz section, the mountains have a north-easterly aspect and gradually decreases in height. The highest point of the province is Shavar – 3945 m above sea level. The climate of Golestan is temperate for most of the year. The aim of this paper is faunistic survey on Scarabaeoidea in some regions of Golestan province (northern Iran).

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#### **MATERIALS AND METHODS**

The materials were collected from some regions of Golestan province (northern Iran) during 2005-2010. The collecting methods included sweeping net, light traps and knock down. All the specimens collected were put in alcohol (ethanol 75%) and identified by the authors. Information concerning date of collection, locality, altitude and number of specimens (in brackets) are given. The classification and nomenclature of scarab beetles suggested by LÖBL & SMETANA (2006) have been followed.

All specimens have been deposited in the authors' collections.



**Fig.** Map of Iran showing the location of Golestan Province. (source: Wikipedia).

## RESULTS AND DISCUSSION

Among the collected specimens of Scarabaeoidea from Golestan province, totally 19 species from 16 genera were identified. All species are new for Golestan province and one new for Iranian fauna. Since Golestan province boasts a diverse flora and various geographical regions (HASSAN ZADEH et al. 1993), a diverse fauna of Scarabaeoidea is expected for this region and requires further study. Although one species of this research is new country record, such faunistic works are valuable for advancing the knowledge of specialists on the Iranian fauna. Determining the main host plants of Scarabaeoidea and also the most important natural enemies of these insects can be valuable research topics. The list of species (19 species from 16 genera) is given below.

**Family: Glaphyridae MACLEAY, 1819***Eulasia (Eulasia) azarbaijanica* (PETROVITZ, 1980)

Distribution: Iran.

Material: Golestan National Park, 32 m, (1), July 2005.

Remarks: new to Golestan province.

*Glaphyrus oxypterus* (PALLAS, 1771)

Distribution: Southern Russia, Kazakhstan.

Material: Gorgan, near Nahar-Khoran, 450 m, (2), 28 May 2010.

Remarks: new to Iranian fauna.

**Family: Scarabaeidae LATREILLE, 1802****Subfamily: Aphodiinae LEACH, 1815****Tribe: Aphodiini LEACH, 1815***Aphodius (Biralus) menetriesi* MÉNÉTRIES, 1849

Distribution: Central and Southern Russia, Central Asia, Iran, Turkey.

Material: 45 km E of Minoo-Dasht, 960 m, (1), 11 June 2010.

Remarks: new to Golestan province.

**Subfamily: Scarabaeinae LATREILLE, 1802****Tribe: Coprini LEACH, 1815***Copris lunaris* (LINNAEUS, 1758)

Distribution: Europe, Turkey, Iran, Central Asia, China.

Material: Bandar-Gaz, 6 m, (2), April 2010; Gonbad, 11 m, (1), July 2010.

Remarks: new to Golestan province.

**Tribe: Onthophagini BURMEISTER, 1846***Euonthophagus gibbosus* (SCRIBA, 1790)

Distribution: Southern and South-Eastern Europe, Turkey, Near East, Iran, Afghanistan, Central Asia, China.

Material: Galikesh, 132 m, (3), October 2010.

Remarks: new to Golestan province.

*Onthophagus (Palaeonthophagus) ruficapillus* BRULLÉ, 1832

Distribution: Southern and Central Europe, Turkey, Near East, Iran, Iraq.

Material: Minoo-Dasht, 175 m, (1), September 2006; Ali-Abad, 130 m, (1), May 2010.

Remarks: new to Golestan province.

*Onthophagus (Palaeonthophagus) vacca* (LINNAEUS, 1767)

Distribution: Europe, Turkey, Near East, Iran, Turkmenistan.

Material: Golestan National Park, Sulgard, 1847 m, (1), September 2010.

Remarks: new to Golestan province.

**Subfamily: Melolonthinae SAMOUELLE, 1819****Tribe: Melolonthini SAMOUELLE, 1819***Polyphylla (Polyphylla) olivieri* LAPORTE, 1840

Distribution: Graecia, Turkey, Near East, Iran, Transcaucasia.

Material: Minoo-Dasht, 178 m, (3), September 2006; Golestan Natural Park, S of Qalan, 1851 m, (1), August 2007; Kalaleh, 135 m, (2), August 2009; Gomishan, -4 m, (1), April 2010; Golestan National Park, N of Sulgard, 1944 m, (2), October 2010.

Remarks: new to Golestan province.

*Polyphylla (Xerasiobia) adspersa* MOTSCHULSKY, 1853

Distribution: Transcaucasia, Turkey, Iran, Afghanistan, Central Asia.

Material: Bandar-Torkaman, 18 m, (2), August 2010; Galikesh, 117 m, (1), October 2010.

Remarks: new to Golestan province.

**Tribe: Rhizotrogini BURMEISTER, 1855***Amphimallon leuthneri* REITER, 1902

Distribution: Turkey, Syria, Iran.

Material: Golestan National Park, N of Armodlu, (3), August 2007.

Remarks: new to Golestan province.

**Subfamily: Rutelinae MACLEAY, 1819****Tribe: Adoretini BURMEISTER, 1844***Adoretus nigrifrons* (STEVEN, 1809)

Distribution: Southern Russia, Transcaucasia, Iran, Afghanistan, Central Asia, Western China.

Material: 10 km S of Azad-Shahr, 284 m, (1), 11 June 2010; Bandar-Torkaman, 22 m, (1), August 2010.

Remarks: new to Golestan province.

**Subfamily: Dynastinae MACLEAY, 1819****Tribe: Pentodontini MULSANT, 1842***Pentodon algerinus bispinifrons* REITTER, 1894

Distribution: Azerbaijan, Iran, Afghanistan, Kazakhstan, Central Asia, Western China.

Material: Gorgan, 141 m, (1), June 2007; Ramyan, 220 m, (1), July 2010.

Remarks: new to Golestan province.

*Pentodon bidens sulcifrons* KUSTER, 1848

Distribution: Bulgaria, Graecia, Turkey, Near East, Iran, Iraq, Transcaucasia.

Material: Golestan National Park, 32 m, (1), July 2005.

Remarks: new to Golestan province.

**Subfamily: Cetoniinae LEACH, 1815**

**Tribe: Cetoniini LEACH, 1815**

*Oxythyrea cinctella cinctella* (SCHAUM, 1841)

Distribution: South-Eastern Europe, Transcaucasia, Turkey, Near East, Middle East, Afghanistan, Kazakhstan, Central Asia, Western China.

Material: Golestan National Park, 32 m, (6), July 2005.

Remarks: new to Golestan province.

*Protaetia (Cetonischema) speciosa* (ADAMS, 1817)

Distribution: South-Eastern Europe, Transcaucasia, Iran, Turkey, Near East.

Material: Maraveh-Tappeh, 218 m, (2), July 2010.

Remarks: new to Golestan province.

*Protaetia (Netocia) ungarica ignisternum* REITTER, 1891

Distribution: Turkey, Iran, Azerbaijan, Iraq, Turkmenistan.

Material: Gorgan, 64 m, (1), June 2010.

Remarks: new to Golestan province.

*Stalagmosoma albellum* (PALLAS, 1781)

Distribution: Transcaucasia, Turkey, Near East, Iran, Iraq, Afghanistan, Central Asia.

Material: Golestan National Park, S of Qalan, (1), August 2007.

Remarks: new to Golestan province.

**Tribe: Trichini**

*Trichius abdominalis* MÉNÉTRIES, 1832

Distribution: Azerbaijan, Iran.

Material: Golestan National Park, 32 m, (2), July 2005.

Remarks: new for Golestan province.

**Tribe: Valgini MULSANT, 1842***Valgus hemipterus* (LINNAEUS, 1758)

Distribution: Europe, Southern Russia, Iran, Central Asia, North Africa.

Material: Golestan National Park, N of Yaghtiklan, (2), August 2007.

Remarks: new to Golestan province.

Owing to a high habitat diversity, Iranian wildlife is very rich and diversified. This trend is also applicable to Scarabaeoidea, whose checklist includes 509 species and subspecies belonging to 107 genera (see checklist). Unfortunately, the number of recorded species is not on a par with the knowledge on their ranges and habitat relationships. Iran has 31 administrative provinces, but faunistic information about scarab beetles has been gathered only from a dozen of them, and a preliminary inventory has been made for just a few areas. This underlines the necessity to intensify research, particularly faunistic and ecological studies.

## CHECKLIST OF IRANIAN SCARABAEOIDEA

**Family: Lucanidae LATREILLE, 1804**

Subfamily: Aesalinae MACLEAY, 1819

Genus: *Aesalus* FABRICIUS, 1801\* *ulanowskii* GANGLBAUER, 1886

Subfamily: Synodesinae MACLEAY, 1819

Genus: *Sinodendron* HELLWIG, 1792\* *persicum* REITTER, 1902

Subfamily: Lucaninae LATREILLE, 1804

Genus: *Lucanus* SCOPOLI, 1763\* *cervus cervus* (LINNAEUS, 1758)\* *ibericus* MOTSCHULSKY, 1845\* *orientalis* KRAATZ, 1860Genus: *Platycerus* GEOFFROY, 1762\* *caraboides caraboides* (LINNAEUS, 1758)Genus: *Pseudolucanus* HOPE et WESTWOOD, 1845\* *busignyi* PLANET, 1897

Subfamily: Dorcinae PARRY, 1864

Genus: *Dorcus* MACLEAY, 1819

- \* *parallelipedus* (LINNAEUS, 1758)
- \* *peyroni* REICHE et SAULCY, 1856
- \* *prochazkai* SCHENK, 2003
- \* *vavrai* NONFRIED, 1905

**Family: Trogidae MACLEAY, 1819**

Genus: *Afromorgus* SCHOLTZ, 1986

- \* *procerus* (HAROLD, 1872)

Genus: *Trox* FABRICIUS, 1775

- \* *eversmanni* KRYNICKY, 1832
- \* *hispidus* (PONTOPPIDAN, 1763)
- \* *iranicus* PETROVITZ, 1980
- \* *klapperichi* PITTINO, 1983
- \* *quadrimaculatus* BALLION, 1871

**Family: Glaresidae KOLBE, 1905**

Genus: *Glaresis* ERICHSON, 1848

- \* *beckeri* SOLSKY, 1870
- \* *freyi* PETROVITZ, 1968
- \* *porrecta* (SEMENOV et MEDVEDEDV, 1932)
- \* *zarudniana* (SEMENOV et MEDVEDEDV, 1932)

**Family: Bolboceratidae**

Tribe: Australobolbini NIKOLAJEV, 1996

Genus: *Bolboceras* KIRBY, 1819

- \* *davatchii* BARAUD, 1973

Tribe: Eubolbitini NIKOLAJEV, 1970

Genus: *Eubolbitus* REITTER, 1892

- \* *radoszkowskii* (SOLSKY, 1876)
- \* *zarudnyi* SEMENOV et MEDVEDEDV, 1929

**Family: Geotrupidae LATREILLE, 1802**

Subfamily: Geotrupinae LATREILLE, 1802

Tribe: Geotrupini LATREILLE, 1802

Genus: *Geotrupes* LATREILLE, 1797

- \* *mutator* (MARSHAM, 1802)

- \* *olgae* (OLSOUFIEFF, 1918)
- \* *spiniger* (MARSHAM, 1802)
- \* *stercorarius* (LINNAEUS, 1785)

Genus: *Trypocopr*s MOTSCHULSKY, 1860

- \* *fausti* (REITTER, 1890)

Subfamily: Lethrinae MULSANT et REY, 1871

Genus: *Lethrus* SCOPOLI, 1777

Subgenus: *Lethrus* SCOPOLI, 1777

- \* *acutangulus* BALLION, 1871

Subgenus: *Scelolethrus* SEMENOV, 1892

- \* *chorassanicus* SEMENOV et MEDVEDEV, 1935

- \* *mithras* REITTER, 1904

**Family: Ochodaeidae MULSANT et REY, 1871**

Subfamily: Ochodaeinae MULSANT et REY, 1871

Genus: *Ochodaeus* DEJEAN, 1821

- \* *cornifrons* SOLSKY, 1876

- \* *solskyi* SEMENOV, 1891

**Family: Hybosoridae ERICHSON, 1847**

Subfamily: Dynamopodinae ARROW, 1911

Genus: *Orubesa* REITTER, 1895

- \* *ata* (SEMENOV et MEDVEDEV, 1929)

- \* *luctator* (SEMENOV et MEDVEDEV, 1929)

- \* *perforata* REITTER, 1895

Subfamily: Hybosorinae ERICHSON, 1847

Genus: *Hybosorus* MACLEAY, 1819

- \* *illigeri* REICHE, 1853

**Family: Glaphyridae MACLEAY, 1819**

Genus: *Eulasia* TRUQUI, 1848

Subgenus: *Eulasia* TRUQUI, 1848

- \* *aurantiaca* (REITTER, 1890)

- \* *azarbajjanica* (PETROVITZ, 1980)

- \* *bodemeyeri* (PETROVITZ, 1965)

- \* *bombylifformis bombylifformis* (PALLAS, 1781)

- \* *chrysopyga* (FALDERMANN, 1835)
- \* *diadema* (REITTER, 1890)
- \* *naviauxi* (BARAUD, 1971)
- \* *nitidinatis* BARAUD, 1990
- \* *persidis* BARAUD, 1990
- \* *praeusta* (CHAMPENOIS, 1896)
- \* *zaitzevi* (BOGATCHEV, 1947)
- Subgenus: *Redeulasia* BARAUD, 1990
  - \* *bocquilloni* (ZAITZEV, 1923)
  - \* *carinata* BARAUD, 1990
  - \* *chalybaea chalybaea* (FALDERMANN, 1835)
  - \* *genei* TRUQUI, 1848
  - \* *papaveris* (STURM, 1843)
  - \* *pulchra kurdistana* (PETROVITZ, 1968)
  - \* *pulchra pulchra* (REITTER, 1890)
  - \* *speciosa* (CHAMPENOIS, 1900)
  - \* *straussi* (GANGLBAUER, 1905)
- Subgenus: *Solskiola* SEMENOV, 1903
  - \* *analisis* (SOLSKY, 1876)
- Subgenus: *Trichopleurus* MOTSCHULSKY, 1860
  - \* *vittata lineata* (FALDERMANN, 1835)
  - \* *vittata persica* (PETROVITZ, 1963)
- Genus: *Glaphyrus* LATREILLE, 1807
  - Subgenus: *Glaphyrus* LATREILLE, 1807
    - \* *festivus* MÉNÉTRIES, 1836
    - \* *laufferi* REITTER, 1903
    - \* *luristanus* REITTER, 1903
    - \* *micans micans* FALDERMANN, 1835
    - \* *muticus* REITTER, 1903
    - \* *onopordi* REITTER, 1903
    - \* *oxypterus* (PALLAS, 1771)
    - \* *sequensi* REITTER, 1903
    - \* *superbus straussi* REITTER, 1903
    - \* *superbus superbus* CHAMPENOIS, 1898
    - \* *varians varians* MENÉTRIES, 1836
  - Subgenus: *Hemiglaphyrus* CHAMPENOIS, 1903
    - \* *caucasicus* KRAATZ, 1882

Genus: *Pygopleurus* MOTSCHULSKY, 1859

- \* *anahitae* MITTER, 2001
- \* *banghaasi* (REITTER, 1890)
- \* *basalis* (REITTER, 1890)
- \* *cyanescens* (REITTER, 1890)
- \* *cyaneoviolaceus* (MOTSCHULSKY, 1859)
- \* *deuvei* MONTREUIL et SERRI, 2007
- \* *distinctus* (FALDERMANN, 1835)
- \* *gordyensis* (PETROVITZ, 1971)
- \* *immundus* (REITTER, 1903)
- \* *koniae koniae* (PETROVITZ, 1958)
- \* *mardiensis* BARAUD, 1989
- \* *psilotrichius psilotrichius* (FALDERMANN, 1835)
- \* *rapuzzii* KEITH et ULIANA, 2008
- \* *rufovillosus rufovillosus* (REITTER, 1907)
- \* *tristis* (PETROVITZ, 1968)
- \* *zagrosensis* NIKODÝM et KRÁL, 1998

**Family: Scarabaeidae LATREILLE, 1802**

Subfamily: Eremazinae IABLOKOFF-KHNZORIAN, 1977

Tribe: Eremazini IABLOKOFF-KHNZORIAN, 1977

Genus: *Eremazus* MULSANT, 1851

- \* *cribratus* SEMENOV, 1893
- \* *unistriatus* MULSANT, 1851

Subfamily: Aphodiinae LEACH, 1815

Tribe: Aphodiini LEACH, 1815

Genus: *Aphodius* ILLIGER, 1798

Subgenus: *Acanthobodilus* G. DELLACASA, 1983

- \* *immundus* CREUTZER, 1799

Subgenus: *Acrossus* MULSANT, 1842

- \* *depressus* (KUGELANN, 1792)
- \* *gagatinus* MÉNÉTRIES, 1832

Subgenus: *Alocoderus* A. SCHMIDT, 1913

- \* *hydrochaeris* (FABRICIUS, 1798)
- \* *strigimargo* REITTER, 1892
- \* *turbatus* BAUDI, 1870

- Subgenus: *Amidorus* MULSANT et REY, 1870  
\* *obscurus obscurus* (FABRICIUS, 1792)
- Subgenus: *Ammoecius* MULSANT, 1842  
\* *meurguesae* CLEMENT, 1975
- Subgenus: *Aphodaulacus* W. KOSHANTSCHIKOV, 1911  
\* *turkestanicus* HEYDEN, 1881
- Subgenus: *Aphodius* ILLIGER, 1798  
\* *fimetarius* (LINNAEUS, 1758)
- Subgenus: *Biralus* MULSANT et REY, 1869  
\* *equinus* FALDERMANN, 1835  
\* *menetriesi* MÉNÉTRIES, 1849
- Subgenus: *Bodilus* MULSANT et REY, 1870  
\* *asiricus* PITTINO, 1984  
\* *gregarius* HAROLD, 1871  
\* *ictericus ghardimaouensis* BALTHASAR, 1929  
\* *kermanschahensis* PETROVITZ, 1959  
\* *lugens* CREUTZER, 1799  
\* *punctipennis* ERICHSON, 1848  
\* *wollastoni iranicus* BALTHASAR, 1946  
\* *zarudnyi* FROLOV, 2001
- Subgenus: *Calamosternus* MOTSCHULSKY, 1859  
\* *granarius* (LINNAEUS, 1758)  
\* *hyxos* PETROVITZ, 1962  
\* *machulkai* BALTHASAR, 1935  
\* *trucidatus* HAROLD, 1863  
\* *unicolor* (OLIVIER, 1789)  
\* *vexator* BALTHASAR, 1933
- Subgenus: *Chilothorax* MOTSCHULSKY, 1860  
\* *clathratus* REITTER, 1892  
\* *discedens* SCHMIDT, 1907  
\* *hieroglyphicus* KLUG, 1845  
\* *melanostictus* W.L. SCHMIDT, 1840
- Subgenus: *Colobopterus* MULSANT, 1842  
\* *erraticus* (LINNAEUS, 1758)
- Subgenus: *Coprimorphus* MULSANT, 1842  
\* *scrutator* (HERBST, 1789)

- Subgenus: *Erytus* MULSANT et REY, 1870
- \* *aequalis* A. SCHMIDT, 1907
  - \* *bucharicus* PETROVITZ, 1961
  - \* *cognatus* FAIRMAIRE, 1860
  - \* *hormonzensis* PETROVITZ, 1980
  - \* *lindemanna* BALTHASAR, 1960
  - \* *persicus* PETROVITZ, 1961
  - \* *pruinus* REITTER, 1892
- Subgenus: *Esymus* MULSANT et REY, 1870
- \* *merdarius* (FABRICIUS, 1775)
  - \* *pusillus pusillus* (HERBST, 1789)
  - \* *suturinigra* A. SCHMIDT, 1916
- Subgenus: *Eudolus* MULSANT et REY, 1870
- \* *quadriguttatus* (HERBST, 1783)
- Subgenus: *Euorodalus* G. DELLACASA, 1983
- \* *paracoenosus* BALHASAR et HRUBANT, 1960
- Subgenus: *Labarrus* MULSANT et REY, 1870
- \* *digitatus* HAROLD, 1871
  - \* *lividus* (OLIVIER, 1789)
  - \* *translucidus* PETROVITZ, 1961
- Subgenus: *Liothorax* MOTSCHULSKY, 1860
- \* *kraatzi* HAROLD, 1868
- Subgenus: *Loraphodius* REITTER, 1892
- \* *corrugatus* PETROVITZ, 1954
- Subgenus: *Mecynodes* MULSANT et REY, 1870
- \* *kisilkumi* SOLSKY, 1876
  - \* *stereotypus* D. KOSHANTSCHIKOV, 1894
- Subgenus: *Melinopterus* MULSANT, 1842
- \* *consputus* CREUTZER, 1799
  - \* *edithae* REITTER, 1906
  - \* *imamae* STEBNICKA, 1988
  - \* *prodromus* (BRAHM, 1790)
  - \* *punctatosulcatus hirtipes* FISCHER VON WALDHEIM, 1844
- Subgenus: *Mendidaphodius* REITTER, 1901
- \* *lepidulus* HAROLD, 1866
- Subgenus: *Mendidius* HAROLD, 1868
- \* *beluchistanicus* PETROVITZ, 1962
  - \* *bidens* SOLSKY, 1876

- Subgenus: *Mesontoplatys* MOTSCHULSKY, 1864  
\* *arabicus* HAROLD, 1875
- Subgenus: *Nialus* MULSANT et REY, 1870  
\* *varians* DUFTSCHMIDT, 1805
- Subgenus: *Nobius* MULSANT et REY, 1870  
\* *inclusus* REITTER, 1892
- Subgenus: *Pheaphodius* REITTER, 1892  
\* *rectus* MOTSCHULSKY, 1866
- Subgenus: *Phalacronotus* MOTSCHULSKY, 1860  
\* *flavolimbatus* PETROVITZ, 1963  
\* *hilaris* HAROLD, 1869
- Subgenus: *Plagiogonus* MULSANT, 1842  
\* *farai* BALTHASAR, 1956  
\* *zobeideae* PETROVITZ, 1980
- Subgenus: *Planolinus* MULSANT et REY, 1870  
\* *fasciatus* (OLIVIER, 1789)
- Subgenus: *Pseuderytus* HOLLANDE et THEROND, 1999  
\* *chobauti* CLOUËT, 1896
- Subgenus: *Pseudesymus* D'ORBIGNY, 1896  
\* *lucidus* KLUG, 1845
- Subgenus: *Subrinus* MULSANT et REY, 1870  
\* *clermonti* REITTER, 1907  
\* *sturmi* HAROLD, 1870  
\* *vittelinus* KLUG, 1845
- Subgenus: *Trichonotulus* BEDEL, 1911  
\* *scrofa* (FABRICIUS, 1787)
- Subgenus: *Volinus* MULSANT et REY, 1870  
\* *sticticus* (PANZER, 1798)
- Genus: *Euheptaulacus* G. DELLACASA, 1983  
\* *sus* (HERBST, 1783)
- Genus: *Osmanius* BRANCO et BARAUD, 1988  
\* *persicus* BRANCO et BARAUD, 1988
- Genus: *Oxyomus* DEJEAN, 1833  
\* *sylvestris* (SCOPOLI, 1763)
- Genus: *Trigonoscelus* PETROVITZ, 1963  
\* *elbursensis* STEBNICKA et GALANTE, 1991
- Genus: *Turanella* SEMENOV, 1905  
\* *latevittis* (REITTER, 1887)

Tribe: Eupariini A. SCHMIDT, 1910

Genus: *Ataenius* HAROLD, 1867

\* *horticola* HAROLD, 1869

Tribe: Psammodiini MULSANT, 1842

Genus: *Granulopsammodius* RAKOVIĆ, 1981

\* *mesopotamicus* (PETROVITZ, 1971)

\* *persicus* RAKOVIĆ, 1998

Genus: *Leiopsammodius* RAKOVIĆ, 1981

\* *jelineki* RAKOVIĆ, 1977

Genus: *Pararhyssemus* BALTHASAR, 1956

\* *coluber* (MAYET, 1887)

Genus: *Pleurophorus* MULSANT, 1842

\* *anatolicus* PETROVITZ, 1961

\* *apicipennis* REITTER, 1892

\* *arabicus* PITTINO et MARIANI, 1986

\* *pannonicus* PETROVITZ, 1961

Genus: *Psammodius* FALLÉN, 1807

\* *asper* (FABRICIUS, 1775)

\* *pierottii* PITTINO, 1979

Genus: *Rhyssemodes* REITTER, 1892

\* *orientalis* (MULSANT et GODART, 1875)

\* *sindicus* PITTINO, 1984

Genus: *Rhyssemus* MULSANT, 1842

\* *berytensis* MARSEUL, 1878

\* *histrion* BALTHASAR, 1961

\* *inscitus* (WALKER, 1858)

\* *morgani* BÉNARD, 1911

\* *perissinottoi* PITTINO, 1983

\* *xerxes* PITTINO, 1983

Genus: *Trichiorhyssemus* CLOUËT, 1901

\* *elegens* (PETROVITZ, 1963)

Subfamily: Scarabaeinae LATREILLE, 1802

Tribe: Coprini LEACH, 1815

Genus: *Copris* GEOFFROY, 1762

Subgenus: *Copris* GEOFFROY, 1762

\* *armeniacus* FALDERMANN, 1835

\* *hispanus cavolinii* (PETAGNA, 1792)

\* *lunaris* (LINNAEUS, 1758)

- Genus: *Heliocopris* HOPE, 1837  
\* *midas* (FABRICIUS, 1775)
- Genus: *Metacatharsius* MONTREUIL, 1998  
\* *inermis* (LAPORTE, 1840)
- Genus: *Synapsis* BATES, 1868  
\* *tmolus* (FISCHER VON WALDHEIM, 1821)
- Tribe: Gymnopleurini LACORDAIRE, 1856
- Genus: *Gymnopleurus* ILLIGER, 1803  
\* *aciculatus* GEBLER, 1841  
\* *flagellatus* (FABRICIUS, 1787)  
\* *geoffroyi mimus* BALTHASAR, 1934  
\* *mopsus mopsus* (PALLAS, 1781)  
\* *mopsus persianus* REITTER, 1909
- Tribe: Oniticellini KOLBE, 1905
- Genus: *Euoniticellus* A. JANSSENS, 1953  
\* *fulvus* (GOEZE, 1777)  
\* *pallipes* (FABRICIUS, 1781)
- Genus: *Paroniticellus* BALTHASAR, 1963  
\* *festivus* (STEVEN, 1809)
- Tribe: Onitini LAPORTE DE CASTELNAU, 1840
- Genus: *Bubas* MULSANT, 1842  
\* *bubaloides* A. JANSSENS, 1938
- Genus: *Cheironitis* LANDSBERGE, 1875  
\* *granulipennis* REITTER, 1909  
\* *haroldi* (BALLION, 1870)  
\* *klapperichi* (BALTHASAR, 1956)  
\* *moeris* (PALLAS, 1781)  
\* *pamphilus* (MÉNÉTRIES, 1849)  
\* *sterculius* (BALLION, 1871)
- Genus: *Onitis* FABRICIUS, 1798  
\* *damoetas* STEVEN, 1806  
\* *humerosus* (PALLAS, 1771)
- Tribe: Onthophagini BURMEISTER, 1846
- Genus: *Caccobius* THOMSON, 1863
- Subgenus: *Caccobius* THOMSON, 1863  
\* *histeroides* (MÉNÉTRIES, 1832)  
\* *mundus* (MÉNÉTRIES, 1839)  
\* *schreberi* (LINNAEUS, 1767)

- Genus: *Digitonthophagus* BALTHASAR, 1959  
\* *bonasus* (FABRICIUS, 1775)
- Genus: *Euonthophagus* BALTHASAR, 1959  
\* *aeneobrunneus* (KABAKOV, 1977)  
\* *amyntas auchenia* (REDTENBACHER, 1850)  
\* *amyntas subviolaceus* (MÉNÉTRIES, 1832)  
\* *atramentarius* (MÉNÉTRIES, 1832)  
\* *conterminus* (PETROVITZ, 1971)  
\* *dorbignyi* (OLSOUFIEFF, 1900)  
\* *gibbosus* (SCRIBA, 1790)  
\* *koshantschikoffi* (REITTER, 1891)  
\* *loeffleri* (PETROVITZ, 1965)  
\* *mostafatsairi* PALESTRINI, VAROLA et ZUNINO, 1979  
\* *pentaceros* (OLSOUFIEFF, 1900)  
\* *pertinax* (BALTHASAR, 1959)  
\* *rechingeriorum* (MANDL, 1976)  
\* *sulcicollis* (REITTER, 1892)  
\* *verberatus* ZIANI, 2006  
\* *yama* ZIANI, 2006
- Genus: *Onthophagus* LATREILLE, 1802  
\* *hyrcanius* KABAKOV, 1982  
\* *liothorax* KOSHANTSCHIKOV, 1894  
\* *nitidulus* KLUG, 1845
- Subgenus: *Amphionthophagus* MARTIN PIERRA et ZUNINO, 1983  
\* *falzonii* GOIDANICH, 1926
- Subgenus: *Eremonthophagus* ZUNINO, 1979  
\* *heydeni* HAROLD, 1875  
\* *oberthueri* D'ORBIGNY, 1898  
\* *sticticus* HAROLD, 1867  
\* *transcaspicus* KÖNIG, 1889
- Subgenus: *Exonthophagus* KABAKOV, 2005  
\* *haroldi* BALLION, 1871
- Subgenus: *Furconthophagus* ZUNINO, 1979  
\* *variegatus* (FABRICIUS, 1798)
- Subgenus: *Onthophagus* LATREILLE, 1802  
\* *illyricus* (SCOPOLI, 1763)  
\* *taurus* (SCHREBER, 1759)

Subgenus: *Palaeonthophagus* ZUNINO, 1979

- \* *aerarius* REITTER, 1892
- \* *aleppensis* L. REDTENBACHER, 1843
- \* *angorensis* PETROVITZ, 1963
- \* *carpanetoi* PITTINO, 1982
- \* *conspersus* REITTER, 1892
- \* *cruciatus* MÉNÉTRIES, 1832
- \* *dorsosignatus* D'ORBIGNY, 1898
- \* *excubitor* ZIANI et GUDENZI, 2006
- \* *fissicornis* STEVEN, 1809
- \* *fissinasus* FAIRMAIRE, 1895
- \* *flagrans* REITTER, 1892
- \* *fracticornis* (PREYSSLER, 1790)
- \* *furciceps* MARSEUL, 1869
- \* *gibbulus gibbulus* (PALLAS, 1781)
- \* *gibbulus rostrifer* REITTER, 1892
- \* *lemur* (FABRICIUS, 1781)
- \* *lemuroides* D'ORBIGNY, 1898
- \* *liothorax* KOSHANTSCHIKOV, 1894
- \* *lucidus* (ILLIGER, 1800)
- \* *marginalis marginalis* (GEBLER, 1817)
- \* *muelleri* P. NOVAK, 1921
- \* *nitidulus* KLUG, 1845
- \* *osellai* PITTINO, 1982
- \* *ovatus* (LINNAEUS, 1758)
- \* *parmatus* REITTER, 1892
- \* *persianus* OLSOUFIEFF, 1900
- \* *ponticus* HAROLD, 1883
- \* *psychopompus* ZIANI et MORADI, 2010
- \* *pygargus* MOTSCHULSKY, 1845
- \* *rechingeri* PETROVITZ, 1980
- \* *ruficapillus* BRULLÉ, 1832
- \* *sacharovskii* OLSOUFIEFF, 1918
- \* *sericatus* REITTER, 1892
- \* *speculifer* SOLSKY, 1876
- \* *suturellus* BRULLÉ, 1832
- \* *truchmenus iranicus* KABAKOV, 2006
- \* *truchmenus truchmenus* KOLENATI, 1846

\* *truchmenus xerxes* PETROVITZ, 1965

\* *vacca* (LINNAEUS, 1767)

\* *verticicornis* (LAICHARTING, 1781)

\* *viridis* MÉNÉTRIES, 1832

\* *viriditinctus* REITTER, 1892

\* *vlasovi* MEDVEDEV, 1958

Subgenus: *Relictonthophagus* KABAKOV, 1979

\* *zagrosicus* KABAKOV, 2006

Tribe: Scarabaeini LATREILLE, 1802

Genus: *Scarabaeus* LINNAEUS, 1758

Subgenus: *Ateuchetus* BEDEL, 1892

\* *armeniacus* MÉNÉTRIES, 1832

Subgenus: *Scarabaeus* LINNAEUS, 1758

\* *acuticollis* (MOTSCHULSKY, 1849)

\* *andrewesi* (FELSCH, 1907)

\* *abori* BALTHASAR, 1934

\* *bannuensis* A. JANSSENS, 1940

\* *brahminus* (LAPORTE DE CASTELNAU, 1840)

\* *carinatus* (GEBLER, 1841)

\* *crispatus crispatus* FABRICIUS, 1775

\* *crispatus villiersi* BARAUD, 1973

\* *pius* (ILLIGER, 1803)

\* *sacer* LINNAEUS, 1758

\* *transcaspicus* STOLFA, 1938

\* *typhon* FISCHER VON WALDHEIM, 1823

\* *wilsoni* WATERHOUSE, 1890

\* *winkleri* STOLFA, 1938

Tribe: Sisyphini MULSANT, 1842

Genus: *Sisyphus* LATREILLE, 1807

Subgenus: *Sisyphus* LATREILLE, 1807

\* *schaefferi schaefferi* (LINNAEUS, 1758)

Subfamily: Euchirinae BURMEISTER, 1842

Genus: *Propomacrus* NEWMAN, 1837

\* *bimucronatus* (PALLAS, 1781)

- Subfamily: Melolonthinae SAMOUELLE, 1819
- Tribe: Diplotaxini KIRBY, 1837
- Genus: *Apogonia* KIRBY, 1819
- \* *belutschistanica* PETROVITZ, 1958
- Tribe: Hopliini LATREILLE, 1829
- Genus: *Hoplia* ILLIGER, 1803
- Subgenus: *Decamera* MULSANT, 1842
- \* *jakobsoni* REITTER, 1903
- Subgenus: *Hoplia* ILLIGER, 1803
- \* *caucasica* KOLENATI, 1846
  - \* *hyrcana* MEDVEDEV, 1952
- Tribe: Melolonthini SAMOUELLE, 1819
- Genus: *Cryptotrogus* KRAATZ, 1888
- \* *miksici* PETROVITZ, 1965
  - ? *niveus* (HAMPE in WAGNER, 1852)
  - \* *orita* (REITTER, 1902)
  - \* *zarudnianus* (SEMENOV et MEDVEDEV, 1936)
- Genus: *Cyphonotus* FISCHER VON WALDHEIM, 1824
- \* *testaceus* (PALLAS, 1781)
- Genus: *Cyphonoxia* REITTER, 1889
- \* *glasunowi* SEMENOV, 1897
  - \* *kermanensis* SEMENOV et MEDVEDEV, 1936
  - \* *praestabilis* REITTER, 1889
  - \* *tatiana* SEMENOV et MEDVEDEV, 1936
  - ? *weisei* (KRAATZ, 1888)
  - \* *zarudnyi* SEMENOV et MEDVEDEV, 1936
- Genus: *Medeotrogus* KEITH, 2001
- \* *linnavuorii* KEITH, 2001
- Genus: *Melolontha* FABRICIUS, 1775
- \* *kraatzi* REITTER, 1906
  - \* *macrophylla* FISCHER VON WALDHEIM, 1830
- Genus: *Microphylla* KRAATZ, 1890
- \* *paupera* (HAMPE, 1852)
- Genus: *Polyphylla* HARRIS, 1841
- Subgenus: *Polyphylla* HARRIS, 1841
- \* *olivieri* LAPORTE, 1840
  - \* *persica* BRENSKE, 1902
- Subgenus: *Xerasiobia* MEDVEDEV, 1951
- \* *adpersa* MOTSCHULSKY, 1854

- Tribe: Pachydemini BURMEISTER, 1855
- Genus: *Alaia* PETROVITZ, 1980
- \* *sexdentata* PETROVITZ, 1980
- Genus: *Asiactenius* NIKOLAJEV, 2000
- \* *tekkensis* (REITTER, 1889)
  - \* *tokgajevi* (MEDVEDEV, 1962)
- Genus: *Atanyproctus* PETROVITZ, 1954
- \* *ernae* PETROVITZ, 1980
  - \* *opacipennis* PETROVITZ, 1968
  - \* *simplicitarsis* PETROVITZ, 1954
- Genus: *Falsotoclinius* KEITH et MONTREUIL, 2004
- \* *fragilis* (PETROVITZ, 1980)
  - \* *richteri* (PETROVITZ, 1958)
  - \* *schauffelei* (PETROVITZ, 1958)
- Genus: *Otoclinius* BRENSKE, 1897
- \* *gracilipes* BRENSKE, 1897
- Genus: *Phalangonyx* REITTER, 1889
- \* *coniceps* REITTER, 1889
  - \* *hormoziaensis* (PETROVITZ, 1980)
  - \* *mirzayani* (PETROVITZ, 1968)
  - \* *semenovi* (MEDVEDEV, 1952)
- Genus: *Tanyproctoides* PETROVITZ, 1971
- Subgenus: *Odontiellus* KEITH et MONTREUIL, 2004
- \* *mirzayansinus* KEITH et MONTREUIL, 2004
- Genus: *Tanyproctus* MÉNÉTRIES, 1832
- \* *beludschistanus* PETROVITZ, 1968
  - ? *carbonarius* FALDERMANN, 1835
  - \* *confinis* MOTSCHULSKY, 1860
  - \* *eghtedari* PETROVITZ, 1980
  - \* *ganglbaueri* (BRENSKE, 1897)
  - \* *inflatus* MOTSCHULSKY, 1860
  - \* *iranicus* PETROVITZ, 1968
  - \* *kermanshahensis* PETROVITZ, 1980
  - \* *persicola* REITTER, 1909
  - \* *persicus* (MÉNÉTRIES, 1832)
  - \* *rufidens* (MARSEUL, 1879)
  - \* *satanas* REITTER, 1902
  - \* *varians* PETROVITZ, 1980
  - \* *zartoshti* PETROVITZ, 1980

- Tribe: Rhizotrogini BURMEISTER, 1855
- Genus: *Amphimallon* LATREILLE, 1825
- \* *beludschistanus* BRENSKE, 1897
  - \* *leuthneri* REITTER, 1902
  - \* *solstitiale setosum* (REITTER, 1902)
  - \* *vernale persicum* PETROVITZ, 1970
- Genus: *Aplidia* HOPE, 1837
- \* *iranica* (PETROVITZ, 1970)
  - \* *tarsensis* KRAATZ, 1882
- Genus: *Chilotrogus* REITTER, 1905
- \* *farsensis* KEITH, 2003
  - \* *panotrogoides* REITTER, 1905
  - \* *phasmellus* BIGGS, 1945
- Genus: *Chioneosoma* KRAATZ, 1891
- \* *deserti* BARAUD, 1987
  - ? *porosum* (FISCHER VON WALDHEIM, 1824)
  - \* *vulpinum* (GYLLENHALL, 1817)
- Genus: *Holochelus* REITTER, 1889
- Subgenus: *Holochelus* REITTER, 1889
- \* *fallaciosus* (NONVEILLER, 1965)
  - \* *fallax fallax* (MARSEUL, 1879)
  - \* *nadaïi* KEITH, 2003
  - \* *pseudonadaïi* KEITH, 2003
- Subgenus: *Miltotrogus* REITTER, 1902
- \* *fuscus* (NONVEILLER, 1965)
  - \* *kerimi* (REY, 1994)
  - \* *parvus* (NONVEILLER, 1965)
- Genus: *Lasiexis* SEMENOV et MEDVEDEV, 1936
- \* *dilaticollis* (BALLION, 1870)
  - \* *glabrithoracica* KEITH, 2003
  - \* *persicola* PETROVITZ, 1980
  - \* *primaeveris* SEMENOV et MEDVEDEV, 1936
- Genus: *Madotrogus* REITTER, 1902
- Subgenus: *Dasytrogus* REITTER, 1902
- \* *glabricollis* (REITTER, 1888)
- Subgenus: *Madotrogus* REITTER, 1902
- \* *bicolor* PETROVITZ, 1970

- Genus: *Panotrogus* REITTER, 1902  
? *myschenkovi* (BALLION, 1871)  
\* *petrovitzi* BARAUD, 1989
- Genus: *Rhizotrogus* LATREILLE, 1825  
? *aestivus* (OLIVIER, 1789)  
\* *torrulosus* WALTZ, 1838
- Genus: *Xanthotrogus* REITTER, 1902  
\* *carinicypeatus* KEITH, 2003  
\* *leonhardi* REITTER, 1909  
\* *peratratus* (REITTER, 1909)  
\* *semnanensis* KEITH, 2003  
\* *sieversi* (REITTER, 1896)  
\* *tanyproctoides* (REITTER, 1906)

Subfamily: Sericinae KIRBY, 1837

- Genus: *Maladera* MULSANT et REY, 1871  
Subgenus: *Cephaloserica* BRENSKE, 1900  
\* *insanabilis* (BRENSKE, 1894)  
\* *nagporeana* (BRENSKE, 1898)
- Subgenus: *Eusericula* REITTER, 1902  
\* *ahrensi* KEITH, 2005  
\* *farsensis* PETROVITZ, 1980  
\* *girardi* KEITH et AHRENS, 2002  
\* *hodkova* NIKODÝM et KRÁL, 1998  
\* *jiraskova* SENHAL, 2008
- Subgenus: *Macroserica* MEDVEDEV, 1952  
\* *armeniaca* REITTER, 1896  
\* *beluchestanica* PETROVITZ, 1971  
\* *punctatissima* (FALDERMANN, 1835)
- Genus: *Omaloplia* STEPHENS, 1830  
Subgenus: *Acarina* BARAUD, 1965  
\* *labrata* (BURMEISTER, 1855)

- Subfamily: Rutelinae MACLEAY, 1819  
Tribe: Adoretini BURMEISTER, 1844  
Genus: *Adoretus* LAPORTE, 1840  
Subgenus: *Adoretus* LAPORTE, 1840  
\* *abdolrezagharibi* PETROVITZ, 1980  
\* *iranicus* PETROVITZ, 1958  
\* *nigrifrons* (STEVEN, 1809)  
\* *persicus* REITTER, 1889  
\* *petrovitzi* BARAUD, 1975  
\* *scabiosus* PETROVITZ, 1980  
\* *sistanicus* PETROVITZ, 1970  
Subgenus: *Lepadoretus* REITTER, 1903  
\* *kashmarensis* KEITH, 2001  
\* *vastus* PETROVITZ, 1958  
Genus: *Clipadoretus* OHAUS, 1941  
\* *dentatus* PETROVITZ, 1967  
\* *persicus* OHAUS, 1941  
Genus: *Lissadoretus* ARROW, 1917  
\* *pallidus* ARROW, 1917  
Genus: *Phaeadoretus* REITTER, 1903  
\* *comptus* (MÉNÉTRIES, 1849)  
\* *iranicus* MACHATSCHKE, 1960  
\* *schirasensis* PETROVITZ, 1970  
\* *syriacus* (BLANCHARD, 1851)  
Tribe: Anomalini MULSANT, 1842  
Genus: *Anisoplia* FISCHER VON WALDHEIM, 1824  
Subgenus: *Anisoplia* FISCHER VON WALDHEIM, 1824  
\* *agnata* REITTER, 1889  
\* *faldermanni* REITTER, 1883  
\* *farraria antoniae* REITTER, 1889  
\* *persiaca* BICZÓK, 1940  
\* *reitteriana* SEMENOV, 1903  
\* *signata signata* FALDERMANN, 1835  
\* *turcomana* ZAITZEV, 1917  
Subgenus: *Autanisoplia* MEDVEDEV, 1949  
\* *austriaca major* REITTER, 1889  
\* *austriaca persica* PETROVITZ, 1980

- Subgenus: *Pilleriana* BARAUD, 1991
  - \* *campicola* MÉNÉTRIES, 1832
- Genus: *Anomala* SAMOUELLE, 1819
  - \* *splendida* MÉNÉTRIES, 1832
- Genus *Asiopertha* MACHATSCHKE, 1957
  - \* *ganglbauberi* (REITTER, 1885)
  - \* *nazarena* (MARSEUL, 1878)
- Genus: *Blitopertha* REITTER, 1903
  - \* *nigripennis* (REITTER, 1888)
- Genus: *Brancoplia* BARAUD, 1986
  - \* *leucaspis leucaspis* (LAPORTE DE CASTELNAU, 1840)
- Genus: *Chaetopteropia* MEDVEDEV, 1949
  - \* *syriaca* BURMEISTER, 1844
- Genus: *Pharaonus* BLANCHARD, 1851
  - \* *varicoloreus* (BURMEISTER, 1844)

Subfamily: Dynastinae MACLEAY, 1819

Tribe: Oryctini MULSANT, 1842

Genus: *Oryctes* ILLIGER, 1798

Subgenus: *Eremoryctes* SEMENOV et MEDVEDEV, 1932

\* *ata* SEMENOV et MEDVEDEV, 1932

Subgenus: *Oryctes* ILLIGER, 1798

\* *nasicornis hindenburgi* MINCK, 1915

\* *nasicornis illigeri* MINCK, 1915

\* *nasicornis latipennis* MOTSCHULSKY, 1845

\* *nasicornis shiraticus* ENDRÖDI et PETROVITZ, 1974

\* *nasicornis transcaspicus* ENDRÖDI, 1938

Subgenus: *Rykanoryctes* MINCK, 1919

\* *agamemnon matthiesseni* REITTER, 1907

\* *elegans* PRELL, 1914

\* *richteri* PETROVITZ, 1958

Tribe: Pentodontini MULSANT, 1842

Genus: *Pentodon* HOPE, 1837

\* *algerinus bispinifrons* REITTER, 1894

\* *algerinus dispar* BAUDI, 1870

\* *bidens sulcifrons* KÜSTER, 1848

\* *caminarius caminarius* (FALDERMANN, 1835)

\* *caminarius elatus* KÜSTER, 1847

- \* *idiotia idiotia* (HERBST, 1789)
- \* *minutus* REITTER, 1887
- \* *quadridens distantidens* REITTER, 1899
- Genus: *Phyllognathus* ESCHSCHOLTZ, 1830
- \* *excavatus* (FORSTER, 1771)
- Genus: *Podalgus* BURMEISTER, 1847
- \* *cuniculus infantulus* SEMENOV, 1889

Subfamily: Cetoniinae LEACH, 1815

Tribe: Cetoniini LEACH, 1815

- Genus: *Aethiessa* BURMEISTER, 1842
  - \* *inhumata* (GORY et PERCHERON, 1833)
  - \* *mesopotamica* BURMEISTER, 1842
  - \* *zarudnyi* KISERITZKY, 1910
- Genus: *Cetonia* FABRICIUS, 1775
  - Subgenus: *Cetonia* FABRICIUS, 1775
    - \* *aeratula* REITTER, 1891
    - \* *aurata aurata* (LINNAEUS, 1761)
    - \* *aurata pallida* (DRURY, 1773)
    - \* *sexguttata* OLSOUFIEFF, 1916
- Genus: *Heterocnemis* ALBERS, 1853
  - Subgenus: *Celidotella* REITTER, 1909
    - \* *matthiesseni* (REITTER, 1909)
- Genus: *Oxythyrea* MULSANT, 1842
  - \* *cinctella cinctella* (SCHAUM, 1841)
  - \* *cinctella taftanensis* MONTREUIL et LEGRAND, 2008
  - \* *funesta* (PODA, 1761)
- Genus: *Protaetia* BURMEISTER, 1842
  - Subgenus: *Cetonischema* REITTER, 1898
    - \* *speciosa cyanochlora* (SCHAUER, 1841)
    - \* *speciosa jousselini* (GORY et PERCHERON, 1833)
    - \* *speciosa speciosa* (ADAMS, 1817)
  - Subgenus: *Eupotosia* MIKŠIĆ, 1954
    - \* *affinis affinis* (ANDERSCH, 1797)
    - \* *affinis pseudospeciosa* (MEDVEDEV, 1964)
    - \* *affinis pyrodera* (REITTER, 1891)

Subgenus: *Netocia* COSTA, 1852

- \* *aethiessina* (REITTER, 1891)
- \* *araratica* (REITTER, 1891)
- \* *asiatica* (FALDERMANN, 1835)
- \* *golestanica* (ALEXIS et DELPONT, 2001)
- \* *jakli* (MONTREUIL et LEGRAND, 2008) **comb. nov.**
- \* *karbalayei* (ALEXIS et DELPONT, 2001)
- \* *khorasanica* (MONTREUIL et LEGRAND, 2008) **comb. nov.**
- \* *schelkovnikovi* (ZAITZEV, 1918)
- \* *subpilosa* (DESBROCHERS, 1869)
- \* *trojana godeti* (GORY et PERCHERON, 1833)
- \* *ungarica armeniaca* (MÉNÉTRIES, 1832)
- \* *ungarica auliensis* (REITTER, 1901)
- \* *ungarica ignisternum* (REITTER, 1891)
- \* *ungarica persica* (KRAATZ, 1886)
- \* *vidua* (GORY et PERCHERON, 1833)
- \* *zagrosica* (ALEXIS et DELPONT, 2001)

Subgenus: *Potosia* MULSANT et REY, 1971

- \* *cuprea caucasica* (KOLENATI, 1846)
- \* *cuprea mehrabii* (MONTREUIL et LEGRAND, 2008) **comb. nov.**
- \* *flutschiana* (MONTREUIL et LEGRAND, 2008) **comb. nov.**
- \* *funebri funebris* (GORY et PERCHERON, 1833)
- \* *hieroglyphica depressiuscula* (REITTER, 1891)
- \* *hieroglyphica hieroglyphica* (MÉNÉTRIES, 1832)
- \* *keithi* (MONTREUIL et LEGRAND, 2008) **comb. nov.**
- \* *splendidula diademata* (REITTER, 1898)
- \* *splendidula kermanensis* (MONTREUIL et LEGRAND, 2008) **comb. nov.**
- \* *splendidula splendidula* (FALDERMANN, 1835)

Genus: *Stalagmosoma* BURMEISTER, 1842

- \* *albellum* (PALLAS, 1781)

Genus: *Tropinota* MULSANT, 1842Subgenus: *Epicometis* BURMEISTER, 1842

- \* *hirta suturalis* REITTER, 1913
- \* *senicula* (MÉNÉTRIES, 1832)
- \* *spinifrons* REITTER, 1889
- \* *turanica* REITTER, 1889
- \* *villiersis* BARAUD, 1984

- Subgenus: *Tropinota* MULSANT, 1842  
 \* *squalida pilosa* (BRULLÉ, 1832)
- Tribe: Trichini FLEMING, 1821  
 Genus: *Gnorimus* LEPELETIER et SERVILLE, 1828  
 \* *subcostatus* (MÉNÉTRIES, 1832)
- Genus: *Trichius* FABRICIUS, 1775  
 \* *abdominalis* MÉNÉTRIES, 1832
- Tribe: Valgini MULSANT, 1842  
 Genus: *Valgus* SCRIBA, 1790  
 \* *hemipterus* (LINNAEUS, 1758)

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